

Application No. 10/716,884
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A portable communication terminal comprising:

a display; ~~means;~~

image storage means for storing items of image data;

5 address book data storage means for storing at least one ~~piece~~ item of contact address information and ~~various~~ additional information associated with the item of contact address information ~~upon~~ by establishing a link therebetween;

link storage means for storing a link between ~~specific data~~
10 at least one item of contact address information in the address book data storage means and a storage address of a corresponding item of image data stored in the image storage means;

communication log storage means for storing ~~, as a~~
~~communication log,~~ a plurality of communication logs, including a
15 communication log comprising a plurality of items of contact address information corresponding to data transmitted ~~and/or by~~ the portable communication terminal and a communication log comprising a plurality of items of contact address information corresponding to data received by the portable communication
20 terminal;

~~first instructing~~ means for ~~instructing to display a~~
selecting one of the communication log logs to be displayed on
the display; ~~means;~~

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~~first display control~~ means for ~~when detecting an~~
25 ~~instruction from the first instructing means, listing/displaying~~
~~displaying in a list on the display the plurality of items~~
~~of contact address information stored in of the selected~~
~~communication log; storage means on the display means;~~

~~second instructing~~ means for instructing to display a the
30 displayed communication log ~~with an image on the display together~~
~~with images; means when list display is performed by the first~~
~~display control means;~~

~~first determination~~ means for ~~when detecting an~~
~~instruction from the second instructing means, referring to the~~
35 link storage means to determine whether any item of image data is
linked to any of the items of contact address information
displayed on the display means in the displayed communication
log, when images are instructed to be displayed together with the
displayed communication log; and

40 ~~second display control~~ means for, when the determination
~~means determines it is determined that at least one item of~~ image
data is linked to a corresponding one of the displayed items of
contact address information, reading out and resizing the at
least one item image data and ~~listing/displaying~~ displaying the
45 image data, together with the corresponding item of contact
address information, in the list on the display.

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2. (Currently Amended) A terminal according to claim 1,
~~wherein the portable communication terminal further comprises~~
~~second determination comprising~~ means for determining whether or
not information identical to any of the items of contact address
5 information stored in the communication log storage means is
present in the address book data storage means, and, if it is
determined that at least one of the items of contact address
information in the selected communication log is present in the
address book data storage means, the first display control means
10 ~~causes the display means to display various is controlled to~~
display the additional information associated with the at least
one item of contact address information when displaying the
selected communication log. in place of the contact address
~~information when the second determination means determines that~~
15 ~~the information is present.~~

3. (Currently Amended) A terminal according to claim 1,
further comprising:

~~first selection~~ means for selecting specific one of the
items of contact address information from the contact address
5 information ~~listed/displayed~~ displayed on the display in the
list; means; and

~~third display control~~ means for ~~, when contact address~~
~~information is selected by the first selection means,~~ causing the

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display ~~means~~ to display a information with respect to past
10 communication ~~state when communication is made in accordance with~~
corresponding to the selected item of contact address
information.

4. (Currently Amended) A terminal according to claim 2,
further comprising:

~~second selection~~ means for selecting ~~specific various~~
desired additional information from the ~~various additional~~
5 information ~~listed/displayed~~ displayed on the display; ~~means,~~ and
~~fourth display control~~ means for ~~, when specific various~~
~~information is selected by the second selection means,~~ causing
the display ~~means~~ to display the ~~various~~ selected
additional information and a information with respect to past
10 communication, ~~state when communication is made.~~

5. (Currently Amended) A terminal according to claim 4,
wherein the ~~various additional~~ information includes a plurality
of pieces of contact address information, and the ~~fourth display~~
~~control means controls to display said plurality of pieces of~~
5 contact address information and an icon indicating attributes
thereof are displayed when the additional information is
selected.

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6. (Currently Amended) A terminal according to claim 3,
further comprising:

~~third determination means for determining in accordance with~~
~~display performed by the third display control means~~ whether or
5 ~~not a list display instruction is detected~~ issued after one of
the items of contact address information is selected; and

~~fifth display control means for, when a the list display~~
~~instruction is issued, by the third determination means,~~

~~(i) causing the first display control means to perform list~~

10 ~~display if display is performed by the third display control~~
~~means through list display by the first display control means~~

~~selected communication log to be displayed in a list one of~~

~~(i) without the images, if the images were not displayed when the~~
~~one of the items of contact address information was selected, and~~

15 ~~(ii) with the images, if the images were displayed when the one~~
~~of the items of contact address information was selected. , and~~

~~causing the second display control means to perform list display~~
~~if display is performed by the third display control means~~
~~through list display by the second display control means.~~

7. (Currently Amended) A terminal according to claim 4,
further comprising:

~~fourth determination means for determining in accordance~~
~~with display performed by the fourth display control means~~

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5 whether or not an image data display instruction is issued after
the desired additional information is selected; and
~~sixth display control~~ means for, when ~~an~~ the image data
display instruction is issued, ~~by the second determination means,~~
(i) reading out image data, from the image storage means, that
10 corresponds to the item of contact address information
corresponding to the selected additional information, based on
~~the basis of a storage address of the image data linked and~~
~~stored in to the item of contact address information by a link~~
~~stored by the link storage means, (ii) resizing the image data,~~
15 and (iii) displaying the resized image data on the display means
in place of the selected additional information. ~~display by the~~
~~fourth display control means.~~

8. (Currently Amended) A terminal according to claim 1,
wherein the ~~first display control means separately displays~~
communication logs comprise an outgoing call log and an incoming
call log, ~~as the communication log and further the means for~~
5 selecting one of the communication logs comprises:

~~third instructing~~ means for instructing to display ~~an~~
the outgoing call log;

~~fourth instructing~~ means for instructing to display ~~an~~
the incoming call log; and

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10 ~~seventh display control~~ means for switching ~~and~~ between
displaying ~~on the~~ outgoing call log and ~~on the~~ incoming call log
~~every time each of~~ in accordance with the respective instructions
~~from the third and fourth instructing means is detected.~~

9. (Currently Amended): A terminal according to claim 1,
further comprising ~~eighth display control~~ means for ~~causing the~~
~~display means to~~ always ~~display~~ displaying a reception state of
the radio signal on the display.

10. (Currently Amended) A terminal according to claim 7,
wherein the resized and displayed image data ~~includes~~
comprises moving image data, ~~and when the image data is moving~~
~~image data, the sixth display control means plays back a moving~~
~~image based on the moving image data.~~

11. (Currently Amended) A terminal according to claim 1,
further comprising:

image ~~sensing~~ capturing means for capturing image data; and
storage control means for causing the image storage means to
5 store image data ~~sensed~~ captured by the image ~~sensing~~
capturing means.

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12. (Currently Amended) An image display method for a portable communication terminal including a display section, an image memory which stores image data, and an address book data memory, said method comprising:

- 5 ~~a storage step of causing storing, in a predetermined link memory, to store a link between specific at least one item of data in the address book data memory and a storage address of a corresponding item of image data stored in the image memory;~~
- 10 ~~a communication log storage step of causing storing, in a communication log memory, to store, as a communication log, communication logs including a communication log comprising a plurality of items of contact address information corresponding to data transmitted and/or by the portable communication terminal and a communication log comprising a plurality of items of~~
- 15 ~~contact address information corresponding to data received by the portable communication terminal;~~
- 20 ~~a first instructing step of instructing to display a selecting one of the communication logs stored content of in the communication log memory to be displayed on the display section;~~
- 20 ~~a first display control step of, when detecting an instruction issued in the first instructing step, listing/displaying displaying in a list the plurality of items of contact address information stored in of the selected communication log; memory on the display section;~~

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25 ~~a second instructing step of instructing to display a the~~
~~displayed communication log with an image on the display section~~
~~together with images; when list display is performed in the first~~
~~display control step;~~

30 ~~a first determination step of, when detecting an instruction~~
~~issued in the second instructing step, referring to the~~
~~predetermined link memory to determine whether any item of image~~
~~data is linked to any of the items of contact address information~~
~~displayed on the display section in the displayed communication~~
~~log, when images are instructed to be displayed together with the~~
35 ~~displayed communication log; and~~

40 ~~a second display control step of, when it is determined in~~
~~the determination step that at least one item of image data is~~
~~linked to a corresponding one of the displayed items of contact~~
~~address information, reading out and resizing the at least one~~
~~item of image data and listing/displaying displaying the image~~
data, together with the corresponding item of contact address
information, in the list on the display section.

13. (Currently Amended) A method according to claim 12,
wherein the image display method further comprises ~~a second~~
~~determination step of comprising~~ determining whether or not
information identical to any of the items of contact address

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5 information stored in the communication log memory is present in
the address book data memory, and, ~~in the first display control~~
~~step, the display section is caused to display various~~ if it is
determined that at least one of the items of contact address
information in the selected communication log is present in the
10 address book data memory, displaying additional information
associated with the at least one item of contact address
information when the selected communication log is displayed. ~~in~~
~~place of the contact address information when it is determined in~~
~~the second determination step that the information is present.~~

14. (Currently Amended) A method according to claim 12,
further comprising:

~~a first selection step of selecting specific one of the~~
~~items of~~ contact address information from the contact address
5 information ~~listed/displayed~~ displayed on the display section in
the list; and ~~a third display control step of, when contact~~
~~address information is selected in the first selection step,~~
causing the display section to display a information with
respect to past communication state ~~when communication is made in~~
10 ~~accordance with~~ corresponding to the selected item of contact
address information.

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15. (Currently Amended) A method according to claim 13,
further comprising:

~~a second selection step of selecting specific various~~
desired additional information from the various additional
5 information listed/displayed displayed on the display section;
and ~~a fourth display control step of, when specific various~~
~~information is selected in the second selection step,~~

causing the display section to display the various selected
additional information and ~~a information with respect to~~
10 past communication, state when communication is made.

16. (Currently Amended) A method according to claim 15,
wherein the various additional information includes a plurality
of pieces of contact address information, and ~~in the fourth~~
~~display control step, said the~~ plurality of pieces of contact
5 address information and attributes thereof are displayed when the
additional information is selected.

17. (Currently Amended) A method according to claim 14,
further comprising:

~~a third determination step of determining, after one of the~~
items of contact address information is selected, in accordance
5 ~~with display performed in the third display control step whether~~

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or not a list display instruction is ~~detected~~ issued; and ~~a fifth display control step of,~~

when a list display instruction is issued, displaying the selected communication log in a list one of (i) without the
10 images, if the images were not displayed when the one of the
items of contact address information was selected, and (ii) with
the images, if the images were displayed when the one of the
items of contact address information was selected. ~~in the third~~
~~determination step, performing list display in the first display~~
15 ~~control step if display is performed in the third display control~~
~~step through list display in the first display control step, and~~
~~performing list display in the second display control step if~~
~~display is performed in the third display control step through~~
~~list display in the second display control step.~~

18. (Currently Amended) A method according to claim 15,
further comprising:

~~a fourth determination step of determining, after the~~
~~desired additional information is selected, in accordance with~~
~~display performed in the fourth display control step whether or~~
~~not an image data display instruction is issued; and a sixth~~
~~display control step of,~~

when ~~an~~ the image data display instruction is issued, ~~in the~~
~~second determination step,~~ (i) reading out image data, from the

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image memory, that corresponds to the item of contact address information corresponding to the selected additional information,
based on the basis of a storage address of image data linked and
stored in to the item of contact address information by a link
stored in the predetermined link memory, (ii) resizing the image
data, and (iii) displaying the resized image data on the display
section in place of the selected additional information. display
in the fourth display control step.

19. (Currently Amended) A method according to claim 18,
wherein the resized and displayed image data includes
comprises moving image data, and in the sixth display control
step, when the image data is moving image data, a moving image
based on the moving image data is played back.

20. (Currently Amended) A method according to claim 12,
wherein the portable communication terminal further comprises an
image sensing capturing section, and the method further comprises
a storage control step of causing the image memory to store
5 storing image data sensed captured by the imaging sensing image
capturing section in the image memory.